

ABSTRACT OF THE INVENTION

[0040] A measuring device for measuring a body part of a patient is described. One embodiment of the measuring device includes a reference component capable of being secured to a body part of a patient. The reference component provides a reference point. An articulated measurement arm is movably coupled to the reference component. The articulated measurement arm has a plurality of sections, each section having a measurement point. A plurality of sensors is associated with the measurement points. The sensors are capable of providing a plurality of data sufficient to allow determination of a position of each measurement point relative to the reference point.